

Google scholar

(handwriting OR "electronic ink" OR grafiti OR graffiti) OR

Search

[Advanced Scholar Search](#)

Scholar

Articles and patents

anytime

include citations



Create email alert

Results 1 - 10 of about 5,540. (0.09 sec)

Did you mean: (handwriting OR "electronic ink" OR **graffiti** OR graffiti) \* recognition \* node \* tree

Finding structure in diversity: A hierarchical clustering method for the categorization of allographs in **handwriting**

[\[PDF\] from psu.edu](#)

L Vuurpiijl, L Schomaker - Document Analysis and Recognition ..., 2002 - [ieeexplore.ieee.org](#)  
... knowledge on character shapes can be used immediately in a practical **recognition** system. ...  
first step towards the semi-automatic detection of basic character shapes in **handwriting**, we  
will ... that at the top-level hierarchy indeed three clusters exist, represented by **node 0** (level ...

[Cited by 61](#) - [Related articles](#) - [All 11 versions](#)

Online **handwriting recognition**: the NPen++ recognizer

[\[PDF\] from handwritten.net](#)

S Jaeger, S Manke, J Reichert, A Waibel - ... Analysis and Recognition, 2001 - Springer  
... It combines a **tree** representation of the dictionary Page 8. 176 S. Jaeger et al.: Online  
**handwriting recognition**: the NPen++ recognizer a b l c d e n o a e a i f b ... z A Z e internal  
**nodes** end **nodes** root **node** Fig. 20. **Tree** representation of a dictionary ...

[Cited by 66](#) - [Related articles](#) - [All 5 versions](#)

Writer identification of Chinese **handwriting** documents using hidden Markov **tree** model

Z He, X You, YY Tang - Pattern Recognition, 2008 - Elsevier  
... based writer identification, a branch of biometrics, is an active research topic in pattern **recognition**. ...  
as an effective and classic method for off-line, text-independent **handwriting** identification, while ...  
this paper, we present a novel method based on hidden Markov **tree** (HMT) model ...

[Cited by 23](#) - [Related articles](#) - [All 4 versions](#)

[\[PDF\]](#) Npen++: An on-line **handwriting recognition** system

[\[PDF\] from kunl](#)

S Jaeger, S Manke, A Waibel - ... in Handwriting Recognition, 2000 - [unipen.nictk.unl.nl](#)  
... are an example of combining off-line and on-line information in **handwriting recognition**[8]. This ...  
Network (TDNN) [11], which has been applied successfully to on-line single character **recognition**  
tasks. ... an inactive HMM and when to turn off an active one. Every HMM-**node** in the ...

[Cited by 31](#) - [Related articles](#) - [View as HTML](#) - [All 15 versions](#)

Statistical pattern **recognition**: A review

[\[PDF\] from psu.edu](#)

AK Jain, RPW Duin, J Mao - IEEE Transactions on pattern ..., 2006 - [ieeexplore.ieee.org](#)  
... New and emerging applications, such as data mining, web searching, retrieval of multimedia  
data, face **recognition**, and cursive **handwriting recognition**, require robust and efficient ... In some  
sense, most of the approaches in statistical pattern **recognition** (leaf **nodes** in the ...

[Cited by 2347](#) · [Related articles](#) · [OL Direct](#) · [All 106 versions](#)

## [PDF] Progress in handwriting recognition

PDF for units: 11

AC Downton, S Impedovo - Feature Extraction chapter, .... 1997 - [retecudlia.unife.it](http://retecudlia.unife.it)

... UK office: 73 Lynton Mead, Totteridge, London N20 8DH **PROGRESS IN HANDWRITING**

**RECOGNITION** Copyright © 1997 by ... the conditions in the path from the RN to the **node** which precedes ... In the **recognition** phase, starting from the RN, the classifier verifies the condition ...

[Cited by 22](#) · [Related articles](#) · [All 3 versions](#)

## Analysis and design of a decision tree based on entropy reduction and its application to large character set recognition

QR Wang, CY Suen - Pattern Analysis and Machine ..., 2009 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)

... In other words the uncertainty about the class to which the unknown should belong needs to be removed in the **recognition** process. ... 1. In the decision **tree**, the entropy is initially large at the root **node**, and it decreases as the unknown pattern goes from an internal **node** ...

Cited by 73 - Related articles - All 3 versions

# Universal symbolic handwriting recognition system

FC Carman - US Patent 5,454,046, 1995 - Goochie Patents

... **TREE NODE** 386 CREATE AND VISIT DOWN SEARCH **TREE NODE** 388 ... 410 PERFORM  
PARSER-LEVEL **RECOGNITION** 428 416 WORD CONFIRMATION 430 420 ... 5,454,046 10 20  
UNIVERSAL SYMBOLIC **HANDWRITING RECOGNITION SYSTEM** TECHNICAL FIELD The ...

[Cited by 71](#) · [Related articles](#) · [All 4 versions](#)

## On-line recognition of handwritten Arabic characters

S Al-Emami, M Usher - Pattern Analysis and Machine ..., 2002 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)

... as explained above, and two small **trees** for the upper and lower dots are also contained within each **node** of the ... 2 in practice), and dots links (0, 1, 2, 3, and 4). The structure and contents of the **tree** will be illustrated by considering the learning and **recognition** processes in ...

[Cited by: 62](#) · [Related articles](#) · [All 6 versions](#)

## [PDF] Tree-based state clustering using self-organizing principles for large vocabulary on-line handwriting recognition

PDF from tu-muenchen.de

A Kosmala, G Rippel - ... PATTERN RECOGNITION, 1998 - mmk.e-technik.fu-muenchen.de

... The introduction of context dependent HMMs for **handwriting recognition** was first mentioned in [4]. More extensive investigations on the use of context de ... realization of the graphemes\*/a/\*.

At the beginning, all states of the setSare collected in the root **node** of the **tree**. ...

[Cited by 12](#) · [Related articles](#) · [View as HTML](#) · [21 Users](#) · [All 7 versions](#)

☐ Create email alert

Did you mean to search for: (handwriting OR "electronic ink" OR *graffiti* OR graffiti) \* recognition \* node \* tree

1 2 3 4 5 6 7 8 9 10

**Next**

(handwriting OR "electronic ink" OR

Search

[http://scholar.google.com/scholar?q=handwriting+OR+%22electronic+ink%22+...ognition+\\*+node+\\*+tree&hl=en&btnG=Search&as\\_sdt=80000000000001&as\\_sdt=on](http://scholar.google.com/scholar?q=handwriting+OR+%22electronic+ink%22+...ognition+*+node+*+tree&hl=en&btnG=Search&as_sdt=80000000000001&as_sdt=on) (3 of 3) 10/13/2010 11:20:34 AM